

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

BRASCH et al.

Appl. No. 09/695,065

Filed: October 25, 2000

For: Methods of Manipulating and

Sequencing Nucleic Acid Molecules Using Transposition

and Recombination

Confirmation No. 1682

Art Unit:

1634

Examiner:

Lu, F.

Atty. Docket:

0942.5000001/RWE/BJD/JKM

Fourth Supplemental Information Disclosure Statement

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. The numbering on this Fourth Supplemental Information Disclosure Statement is a continuation of the numbering in Applicants' Third Supplemental Information Disclosure Statement filed on July 24, 2003, in connection with the above-captioned application. A copy of each document is also provided.

The Examiner's attention is directed to the following co-pending U.S. Patent Applications: 09/498,074, filed February 4, 2000; 09/648,790, filed August 28, 2000; 09/984,239, filed October 29, 2001; 10/005,876, filed December 7, 2001; 10/058,292, filed January 30, 2002; 10/300,892, filed November 21, 2002; 10/396,696, filed March 26, 2003; 10/454,793, filed June 5, 2003; and 10/640,422, filed August 14, 2003, which concern related technical subject matter. The identification of these U.S. Patent Applications is not

to be construed as a waiver of secrecy as to those applications now or upon issuance of the present application as a patent. The Examiner is respectfully requested to consider the cited applications and the art cited therein during examination.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered. This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist.

This Information Disclosure Statement is being filed before the mailing of a first Office Action on the merits after the filing of a request for continued examination under 37 C.F.R. §1.114. No statement or fee is required.

Consideration of the cited documents and making the same of record in the prosecution of the above-identified application is respectfully requested. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Brian J. Del Buono Attorney for Applicants Registration No. 42,473

Date: October 10, 2003

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FORM PTO-1449

ATTY. DOCKET NO. 0942.5000001/RWE/BJD/JKM APPLICATION NO. 09/695,065

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APPLICANT

FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

BRASCH et al.

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EXAMINER INITIAL		DOCU NUMB		DATE	NAME	С	LASS	SUB-CLASS	FILING DATE
	AA8						1.2.		
	AB8	2002/0	094574-A1	07/18/2002	Hartley et al.				05/16/2001
	AC8	2002/0	172997-A1	11/21/2002	Hartley et al.		•		07/19/2001
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	AM9	WO 96/40722		12/19/1996	WIPO				Y€ N
	AN9								Ye N
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	AR	110							
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EXAMINER

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<u>110</u>

DATE CONSIDERED

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Page 2 of 6 ATTY. DOCKET NO. APPLICATION NO. 0942.5000001/RWE/BJD/JKM 09/695,065 **FORM PTO-1449** APPLICANT BRASCH et al. FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT **GROUP** FILING DATE October 25, 2000 1634 **U.S. PATENT DOCUMENTS** EXAMINER **DOCUMENT** DATE NAME CLASS INITIAL SUB-CLASS FILING DATE NUMBER AA9 6,066,778 05/23/2000 Ginsburg et al. 11/06/1996 AB9 AC9 AD9 AE9 AF9 AG9 AH9 Al9 AJ9 AK9 FOREIGN PATENT DOCUMENTS **EXAMINER** INITIAL **DOCUMENT** DATE COUNTRY CLASS SUB-CLASS TRANSLATION NUMBER Yes AL No Yes ΑM No Yes AN No Yes AO No Yes ΑP No OTHER (Including Author, Title, Date, Pertinent Pages, etc.) Johnson, R.C., et al., "Isolation of the gene encoding the Hin recombinational enhancer binding protein," AR 111 Proc. Nat'l. Acad. Sci. USA 85:3484-3488, National Academy of Sciences (1988). Koch, C., et al., "Escherichia coli host factor for site-specific DNA inversion: Cloning and characterization of the fis gene," Proc. Nat'l. AS 111 Acad. Sci. USA 85: 4237-4241, National Academy of Sciences (1988). Murayama, N., et al., "Evidence for Involvement of Escherichia coli Genes pmbA, csrA and a Previously Unrecognized Gene tldD, in <u>111</u> ΑT the Control of DNA Gyrase by letD (ccdB) of Sex Factor F,* J. Mol. Biol. 256:483-502, Academic Press Limited (1996). **EXAMINER** DATE CONSIDERED **EXAMINER**: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered.



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Page 3 of 6 ATTY, DOCKET NO. APPLICATION NO. 0942.5000001/RWE/BJD/JKM 09/695,065 **FORM PTO-1449 APPLICANT** BRASCH et al. FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT FILING DATE **GROUP** 1634 October 25, 2000 **U.S. PATENT DOCUMENTS EXAMINER** DATE **CLASS** INITIAL DOCUMENT NAME SUB-CLASS FILING DATE NUMBER AA ΑB AC ΑD ΑE AF AG ΑH ΑI ΑJ ΑK FOREIGN PATENT DOCUMENTS **EXAMINER** INITIAL DOCUMENT DATE COUNTRY CLASS SUB-CLASS TRANSLATION NUMBER Yes AL No Yes AM No Yes ΑN No Yes ΑO No Yes ΑP No OTHER (Including Author, Title, Date, Pertinent Pages, etc.) Osuna, R., et al., "Identification of two functional regions in Fis: the N-terminus is required to promote Hin-mediated DNA inversion but <u>112</u> AR not λ excision," The EMBO Journal 10: 1593-1603, Oxford University Press (1991). Sambrook, J., et al., Molecular Cloning: A Laboratory Manual, 2nd ed., Cold Spring Harbor Laboratory Press, New York, NY, pp. 16.6-AS 112 16.8, (1989). Stryer, L., "The DNA Template Contains Stop Signals for transcription," in Biochemistry, 2nd ed., W.H. Freeman and Co., New York, AT <u>112</u> NY, p. 610 (1981).

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PADPMAR Page 5 of 6 ATTY. DOCKET NO. APPLICATION NO. 0942.5000001/RWE/BJD/JKM 09/695,065 FORM PTO-1449 **APPLICANT** BRASCH et al. FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT FILING DATE **GROUP** 1634 October 25, 2000 **U.S. PATENT DOCUMENTS** EXAMINER DATE NAME CLASS INITIAL **DOCUMENT** SUB-CLASS | FILING DATE NUMBER AΑ ΑB AC AD ΑE ΑF AG ΑH ΑI ΑJ ΑK **FOREIGN PATENT DOCUMENTS EXAMINER** DOCUMENT INITIAL DATE COUNTRY CLASS SUB-CLASS TRANSLATION NUMBER Yes ΑL No Yes ΑM No Yes ΑN No Yes ΑO No Yes ΑP No OTHER (Including Author, Title, Date, Pertinent Pages, etc.) AR 114 Pending U.S. Non-Provisional Patent Application No. 10/005,876, filed December 7, 2001. Pending U.S. Non-Provisional Patent Application No. 10/058,292, filed January 30, 2002. AS 114 ΑT <u>114</u> Pending U.S. Non-Provisional Patent Application No. 10/300,892, filed November 21, 2002. **EXAMINER** DATE CONSIDERED **EXAMINER**: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



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